

# Sajjad Sedaghat

## List of Publications by Year in descending order

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25  
papers

480  
citations

840776

11  
h-index

713466

21  
g-index

25  
all docs

25  
docs citations

25  
times ranked

599  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of silver/montmorillonite nanocomposites using $\gamma$ -irradiation. International Journal of Nanomedicine, 2010, Volume 5, 1067-1077.	6.7	112
2	Review on green nano-biosynthesis of silver nanoparticles and their biological activities: with an emphasis on medicinal plants. Inorganic and Nano-Metal Chemistry, 2021, 51, 133-142.	1.6	55
3	Synthesis of silver nanoparticles using <i>Peganum harmala</i> extract as a green route. Green Chemistry Letters and Reviews, 2017, 10, 420-427.	4.7	51
4	Biosynthesis of silver nanocomposite with Tarragon leaf extract and assessment of antibacterial activity. Journal of Nanostructure in Chemistry, 2018, 8, 171-178.	9.1	24
5	Synthesis of clay-CNTs nanocomposite. Journal of Nanostructure in Chemistry, 2013, 3, 1.	9.1	23
6	Biosynthesis of silver nanoparticles with <i>Adiantum capillus-veneris</i> L leaf extract in the batch process and assessment of antibacterial activity. Green Chemistry Letters and Reviews, 2018, 11, 544-551.	4.7	23
7	Plant-mediated bio-synthesis of silver-montmorillonite nanocomposite and antibacterial effects on gram-positive and -negative bacteria. Journal of Nanostructure in Chemistry, 2018, 8, 353-357.	9.1	23
8	Bio-Synthesis of Silver Nanoparticles using Water Extract of <i>Satureja Hortensis</i> L and Evaluation of the Antibacterial Properties. Current Nanoscience, 2015, 12, 90-93.	1.2	21
9	Biosynthesis and characterization of silver nanoparticles for the removal of amoxicillin from aqueous solutions using <i>Oenothera biennis</i> water extract. Journal of Nanostructure in Chemistry, 2021, 11, 693-706.	9.1	19
10	Synthesis and characterization of new biocompatible copolymer: chitosan-graft-polyaniline. International Nano Letters, 2014, 4, 1.	5.0	15
11	In situ oxidative polymerization of aniline in the presence of manganese dioxide and preparation of polyaniline/MnO <sub>2</sub> nanocomposite. Journal of Nanostructure in Chemistry, 2013, 3, 1.	9.1	12
12	Biosynthesis of silver nanoparticles using pennyroyal water extract as a green route. Journal of Nanostructure in Chemistry, 2016, 6, 25-27.	9.1	11
13	Green biosynthesis of Silver-Montmorillonite Nanocomposite using Water Extract of <i>Ziziphora Tenuior</i> L. Current Nanoscience, 2015, 12, 79-82.	1.2	9
14	Electrochemical activity of Ni-montmorillonite/Vulcan XC-72R carbon black nano-catalyst for the oxidation of methanol in acidic medium. Journal of Nanostructure in Chemistry, 2019, 9, 217-224.	9.1	9
15	Preparation, and Antibacterial Activity of Chloroacetic Acid Immobilized on Chitosan Coated Iron Oxide Decorated Silver Nanoparticles as an Efficient Catalyst for the Synthesis of Hexahydroquinoline-3-Carboxamides. Journal of Inorganic and Organometallic Polymers and Materials, 2019, 29, 1972-1982.	3.7	9
16	Batch process biosynthesis of silver nanoparticles using <i>Equisetum arvense</i> leaf extract. Bioinspired, Biomimetic and Nanobiomaterials, 2019, 8, 190-197.	0.9	9
17	Green bio-synthesis of Ni/montmorillonite nanocomposite using extract of <i>Allium jesdianum</i> as the nano-catalyst for electrocatalytic oxidation of methanol. Chinese Journal of Chemical Engineering, 2020, 28, 2555-2565.	3.5	9
18	Facile Fabrication of Silver Nanoparticles Grafted with Fe <sub>3</sub> O <sub>4</sub> -Chitosan for Efficient Removal of Amoxicillin from Aqueous Solution: Application of Central Composite Design. Journal of Polymers and the Environment, 2022, 30, 2990-3004.	5.0	9

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19	Biosynthesis of silver-montmorillonite nanocomposites using <i>Ocimum Basilicum</i> and <i>Teucrium Polium</i> ; a comparative study. <i>Materials Research Express</i> , 2019, 6, 125008.	1.6	8
20	Green biosynthesis of silver nanoparticles with <i>Eryngium caucasicum</i> Trautv aqueous extract. <i>Inorganic and Nano-Metal Chemistry</i> , 2020, 50, 429-436.	1.6	8
21	Modification of conductive polyaniline with carbon nanomaterials. <i>International Nano Letters</i> , 2014, 4, 1.	5.0	6
22	Domino ring opening/cyclization of oxiranes for synthesis of functionalized 2H-pyran-5-carboxylate. <i>Molecular Diversity</i> , 2020, 24, 707-716.	3.9	5
23	Anchoring of Silver Nanoparticles onto Functionalized Multiwall-carbon Nanotube and Evaluation of Antibacterial Effects. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2015, 23, 483-487.	2.1	4
24	Synthesis of chitosan and amine functionalized MCM-41 nanocomposite for the removal of acetylsalicylic acid from water using central composite design. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6277.	3.5	3
25	Synthesis and characterization of new biocompatible copolymer: chitosan-graft-polyaniline. <i>International Nano Letters</i> , 2014, 4, 2.	5.0	3